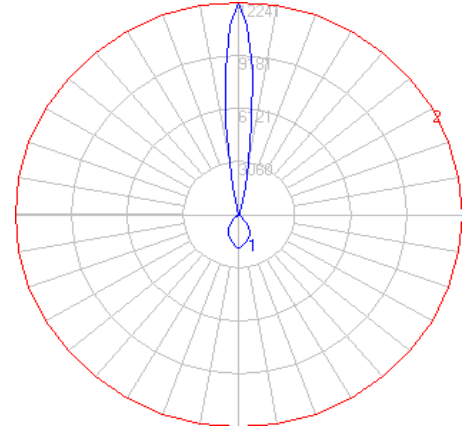


BEGA

File: 24516K4.ies

TEST: BE_24516K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 516K4
LAMP: 35.4W LED



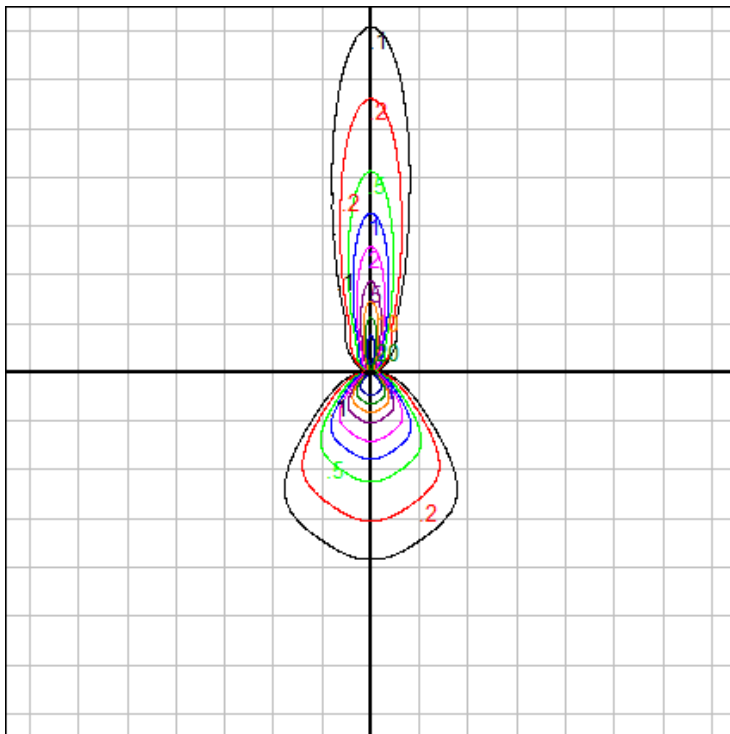
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3166
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	77
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.31
Max. Cd.	12241.1 (0H, 180V)
Max. Cd. (<90 Vert.)	1889.4 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	2.3 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

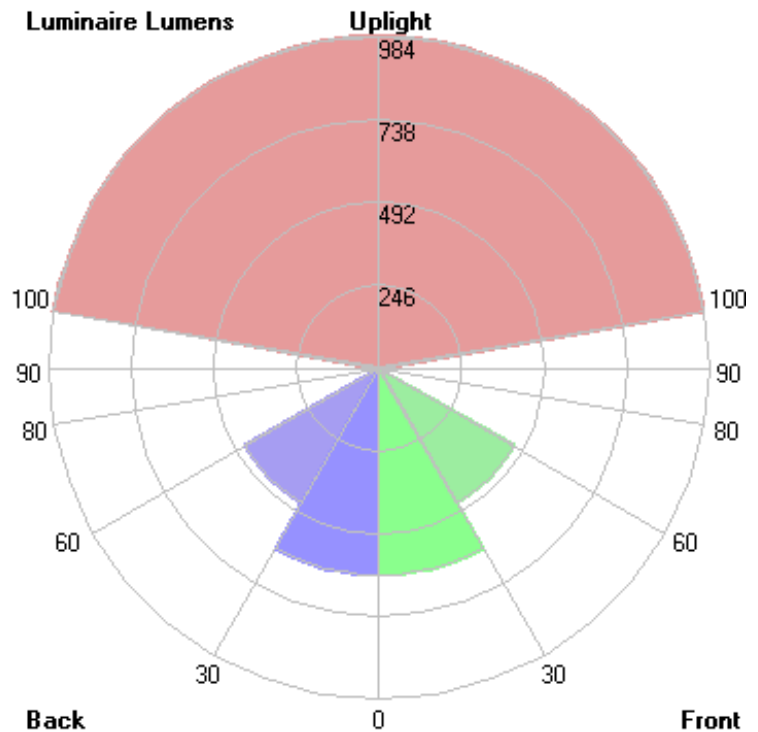
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	615.4	N.A.	19.4
FM (30-60)	462.2	N.A.	14.6
FH (60-80)	13.4	N.A.	0.4
FVH(80-90)	0.4	N.A.	0.0
BL (0-30)	615.4	N.A.	19.4
BM (30-60)	462.2	N.A.	14.6
BH (60-80)	0.4	N.A.	0.4
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	983.5	N.A.	31.1
Total	3166.3	N.A.	100.0

BUG Rating B2-U4-G0



Isofootcandle diagram on wall | Grid Spacing: 5 ft.



In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

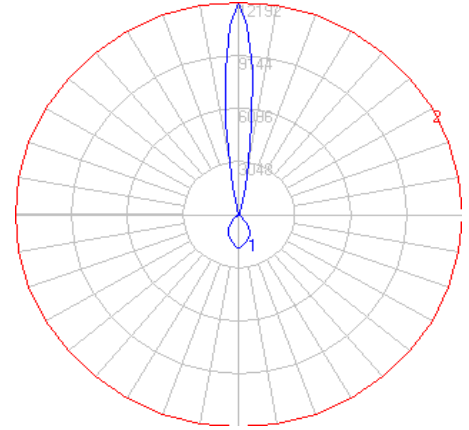
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File: 24516K35.ies

TEST: BE_24516K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 516K35
LAMP: 35.4W LED



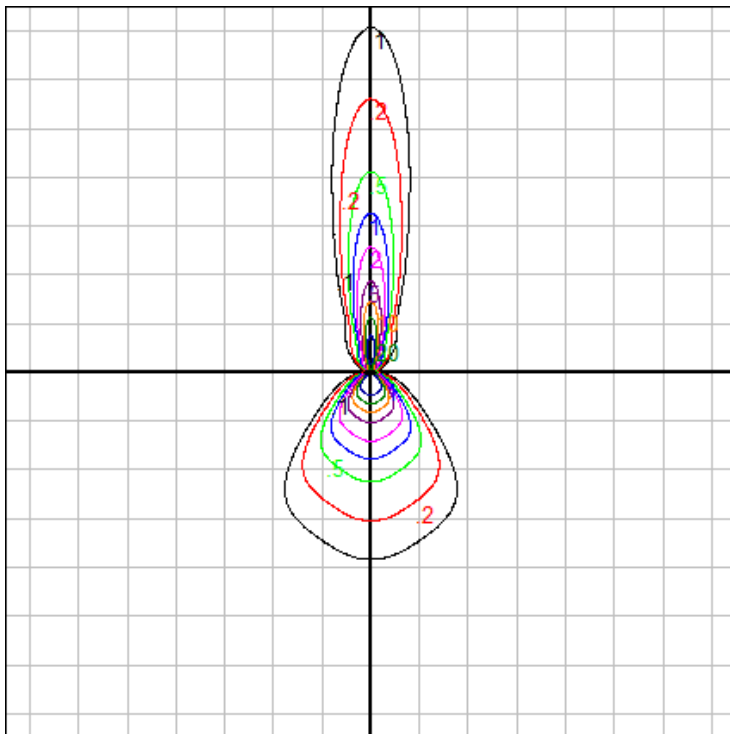
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3154
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	77
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.31
Max. Cd.	12192.136 (0H, 180V)
Max. Cd. (<90 Vert.)	1881.842 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	2.291 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

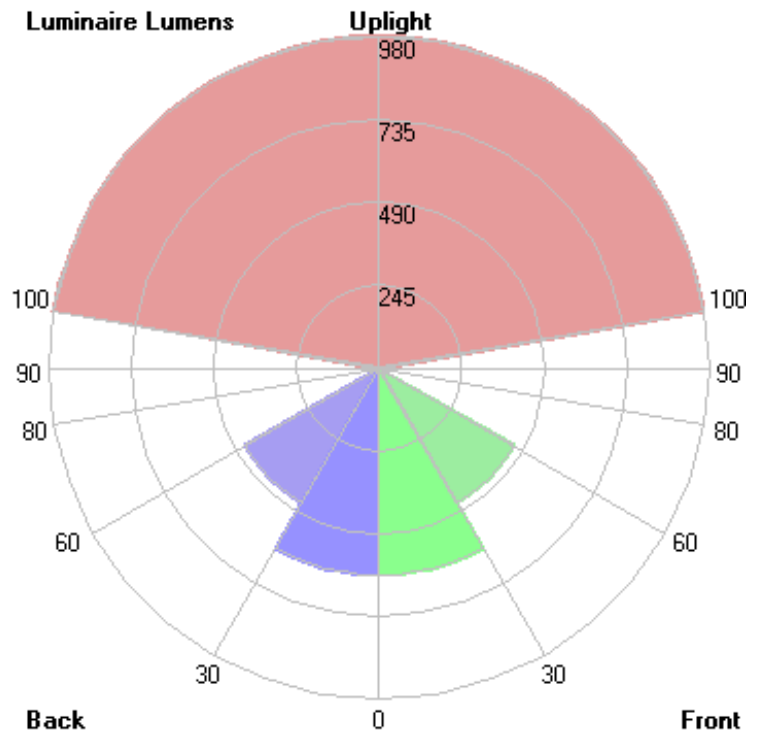
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	612.9	N.A.	19.4
FM (30-60)	460.4	N.A.	14.6
FH (60-80)	13.4	N.A.	0.4
FVH(80-90)	0.4	N.A.	0.0
BL (0-30)	612.9	N.A.	19.4
BM (30-60)	460.4	N.A.	14.6
BH (60-80)	0.4	N.A.	0.4
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	979.6	N.A.	31.1
Total	313.8	N.A.	100.0

BUG Rating B2-U4-G0



Isofootcandle diagram on wall Grid Spacing: 5 ft.



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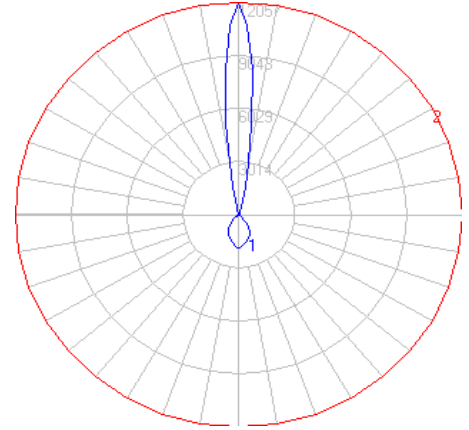
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File: 24516K3.ies

TEST: BE_24516K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 516K3
LAMP: 35.4W LED



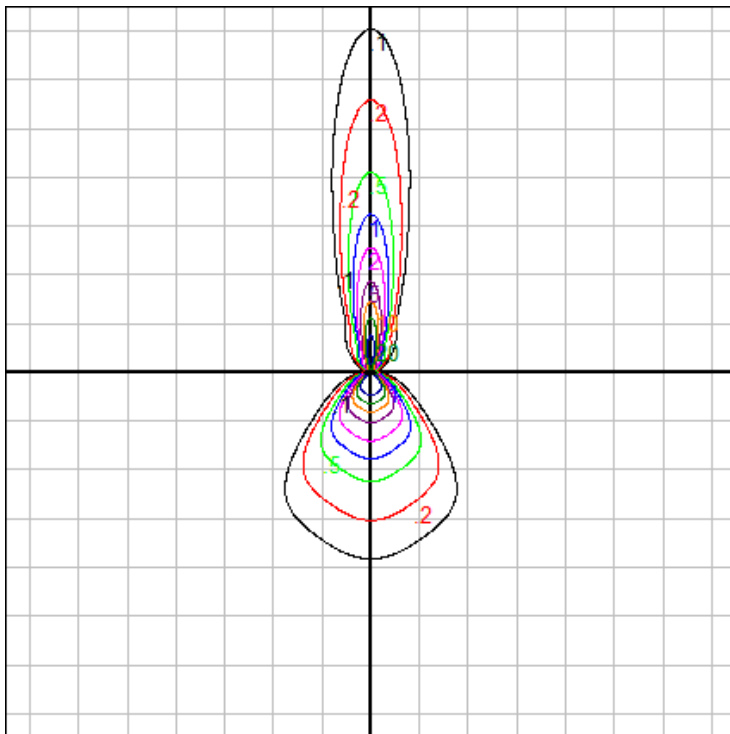
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3119
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	76
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.31
Max. Cd.	12057.484 (0H, 180V)
Max. Cd. (<90 Vert.)	1861.059 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	2.266 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

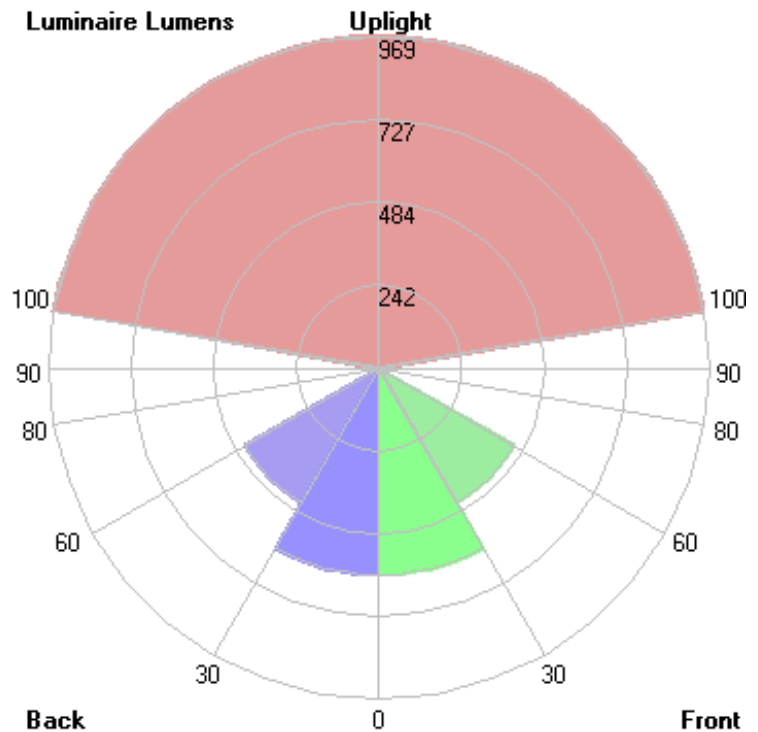
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	606.2	N.A.	19.4
FM (30-60)	455.3	N.A.	14.6
FH (60-80)	13.2	N.A.	0.4
FVH(80-90)	0.4	N.A.	0.0
BL (0-30)	606.2	N.A.	19.4
BM (30-60)	455.3	N.A.	14.6
BH (60-80)	0.4	N.A.	0.4
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	968.8	N.A.	31.1
Total	3119.0	N.A.	100.0

BUG Rating B2-U4-G0



Isofootcandle diagram on wall Grid Spacing: 5 ft.



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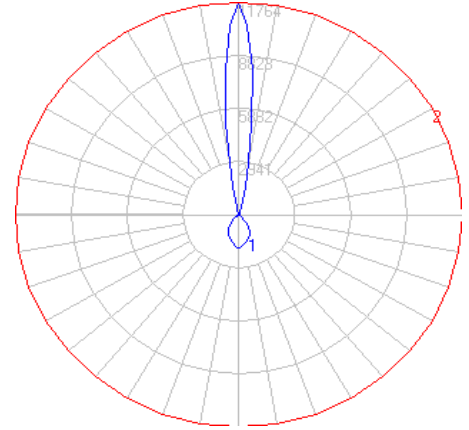
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File: 24516K27.ies

TEST: BE_24516K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 516K27
LAMP: 35.4W LED



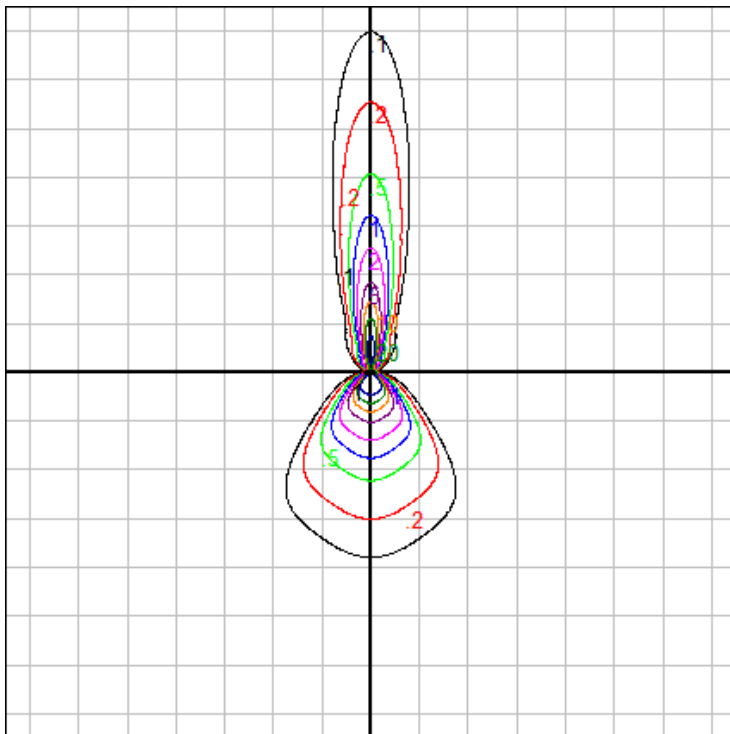
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3043
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	74
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.31
Max. Cd.	11763.697 (0H, 180V)
Max. Cd. (<90 Vert.)	1815.713 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	2.21 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

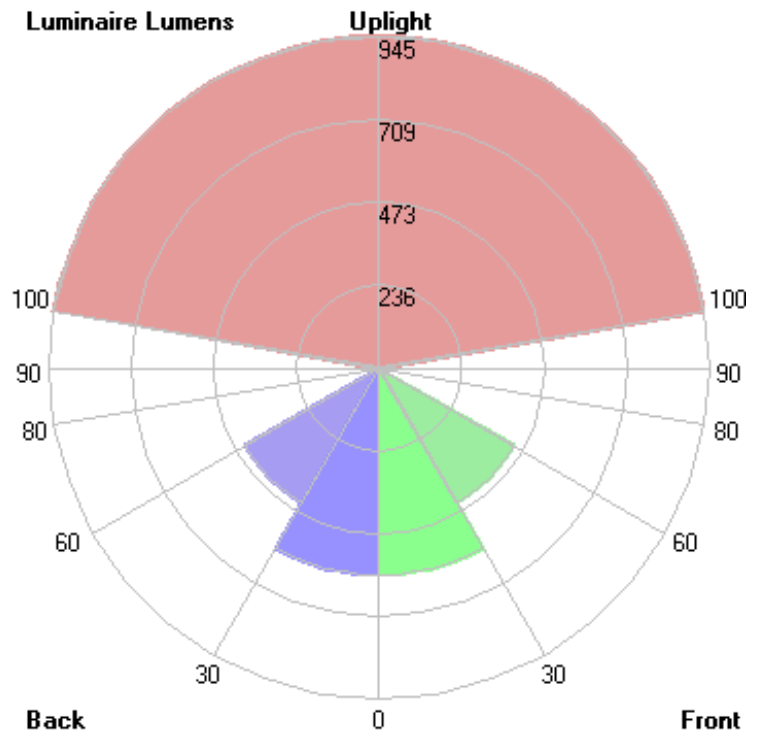
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	591.4	N.A.	19.4
FM (30-60)	444.2	N.A.	14.6
FH (60-80)	12.9	N.A.	0.4
FVH(80-90)	0.4	N.A.	0.0
BL (0-30)	591.4	N.A.	19.4
BM (30-60)	444.2	N.A.	14.6
BH (60-80)	12.9	N.A.	0.4
BVH(80-90)	0.4	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	945.2	N.A.	31.1
Total	3043.0	N.A.	100.0

BUG Rating B2-U4-G0



Isofootcandle diagram on wall Grid Spacing: 5 ft.



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